# Symposium 3. Keynote Symposium

13:50-14:15 | Room 1

Al in Action: Transforming Translational and Clinical Paradigms

# **Sung Hye Kong**

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## Educational Background & Professional Experience (Most recent first)

2025-Present	Associate Professor, Department of Internal Medicine, Seoul National University Bundang Hospital, Korea
2021-2024	Assistant Professor, Department of Internal Medicine, Seoul National University Bundang Hospital, Korea
2018-2021	Associate Professor, Department of Internal Medicine, Seoul National University Hospital
2017-2018	Clinical fellow, Department of Internal Medicine, Seoul National University Hospital
2013-2016	Residency, Department of Internal Medicine, Seoul National University Hospital

#### Research Interests

Metabolic bone disease, Artificial intelligence

### Publications

- 1. Kim Y, Kim YG, Park JW, Kim BW, Shin Y, Kong SH, Kim JH, Lee YK, Kim SW, Shin CS. A CT-based Deep Learning Model for Predicting Subsequent Fracture Risk in Patients with Hip Fracture. Radiology. 2024 Jan;310(1):e230614. doi: 10.1148/radiol.230614. PMID: 38289213.
- 2. Kong SH, Cho W, Park SB, Choo J, Kim JH, Kim SW, Shin CS. A Computed Tomography–Based Fracture Prediction Model With Images of Vertebral Bones and Muscles by Employing Deep Learning: Development and Validation Study. J Med Internet Res. 2024 Jul 12;26:e48535. doi: 10.2196/48535. PMID: 38995678; PMCID: PMC11282387.
- 3. Kim JY, Gil TH, Lee HG, Shin JW, Jang DH, Kim HS, Park SS, Kim SW, Shin CS, Kong SH, Jeon OH. Plasma Extracellular Vesicles Biomarkers Linked to Lower Muscle Mass, Function and Physical Performance in Sarcopenia. J Cachexia Sarcopenia Muscle. 2025 Apr;16(2):e13784. doi: 10.1002/jcsm.13784. PMID: 40162588.
- 4. Kong SH, Park JY, Shin MK, Lee HJ, Kim JW, Park SS, Kim SW, Shin CS, Song TJ. Effectiveness of Bisphosphonates in Young Adults with Fragility Fractures: Representative Population–Based Cohort Study. J Clin Endocrinol Metab. 2024 Dec 6:dgae850. doi: 10.1210/clinem/dgae850. Epub ahead of print. PMID: 39657239.



## Curriculum Vitae

